

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



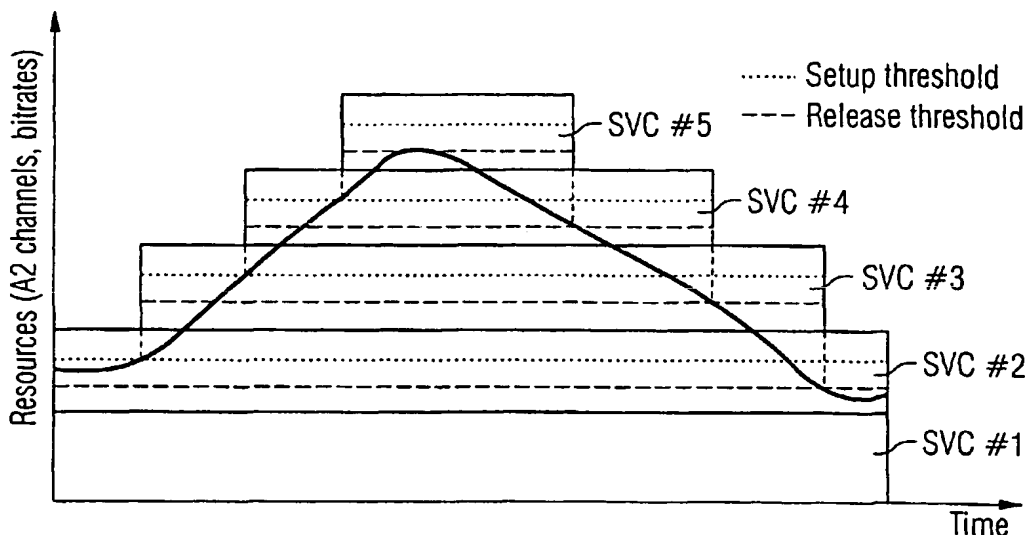
(43) International Publication Date
4 July 2002 (04.07.2002)

PCT

(10) International Publication Number
WO 02/052887 A3

- (51) International Patent Classification?: **H04Q 11/04**, H04L 12/56 (81) Designated States (national): AU, CA, CN, JP, KR, ZA.
- (21) International Application Number: PCT/EP01/15131 (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (22) International Filing Date:
20 December 2001 (20.12.2001) Declaration under Rule 4.17:
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AU, CA, CN, JP, KR, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
00128352.2 22 December 2000 (22.12.2000) EP Published:
— with international search report
- (71) Applicant: **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). (88) Date of publication of the international search report:
5 December 2002
- (72) Inventor: **FLUETER, Heribert**; Jawlenskystr. 5, 81477 München (DE).
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND DEVICE FOR ATM TRANSMISSION



(57) Abstract: The invention discloses means and methods for transmission of information in paths of an ATM network wherein a path setup for at least one new path in the network is initiated if the path capacity currently used for transmission of information exceeds a threshold, wherein a path release for at least one path in the network is initiated if the path capacity currently used for transmission of information is below a threshold.

WO 02/052887 A3

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/15131

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q11/04 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------------|
| X | EP 0 557 902 A (NIPPON TELEGRAPH & TELEPHONE) 1 September 1993 (1993-09-01) | 1,2,4-6, 16,17, 19,31 |
| Y | column 15, line 15 - line 50 | 7,29 |
| Y | SAITO H: "EFFECTIVENESS OF UBR VC APPROACH IN AAL2 NETWORKS AND ITS APPLICATION TO IMT-2000" IEICE TRANSACTIONS ON COMMUNICATIONS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E83-B, no. 11, November 2000 (2000-11), pages 2486-2493, XP001065365 ISSN: 0916-8516 * section 3 * | 7,29 |

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the International search

17 July 2002

Date of mailing of the international search report

24/07/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Gregori, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/15131

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| EP 0557902 A | 01-09-1993 | JP 5244674 A | 21-09-1993 |
| | | JP 5236579 A | 10-09-1993 |
| | | JP 2904992 B2 | 14-06-1999 |
| | | JP 5235992 A | 10-09-1993 |
| | | DE 69310241 D1 | 05-06-1997 |
| | | DE 69310241 T2 | 18-09-1997 |
| | | EP 0557902 A1 | 01-09-1993 |
| | | US 5365521 A | 15-11-1994 |